

## Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-031

### WORKING STANDARD USED

Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8/8/07	8/8/08	JPL

### AIR IONIZER INFORMATION

Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28301	SIMCO	Acrostat PC	33674328T	3-19-08	7-11-08	JPL 36
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	317/STH-IP2	John Maciejewski	N	N	N	NA

### VERIFICATION DATA

HBM Sensitivity Level: 50V (from Table 1)

Fan controller setting: Med. (High, Low, NA)

Distance of ionizer from the charge plate: 24"

Ionizer Float Potential Tolerance  $\pm$  50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
-10 Vdc.	-10 Vdc.	-10 Vdc.	-20 Vdc.	-10 Vdc.	

Ionizer Discharge Voltage Range:  $\pm$  1000 Vdc to  $\leq$  50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
3.0 sec	3.0 sec	3.1 sec	3.2 sec	3.4 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
4.4 sec	5.0 sec	4.9 sec	5.1 sec	4.9 sec	

**Record** any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Sequence number for verification of replacement ionizer: \_\_\_\_\_

**Record** inspection schedule and rational for that schedule.